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**REVOCATION OF POWER OF ATTORNEY  
AND NEW POWER OF ATTORNEY BY ASSIGNEE  
AND STATEMENT UNDER 37 C.F.R. §3.73(b)**

The Assignees of the entire right, title, and interest hereby revoke all previously granted powers of attorney given in the applications identified in the attached Exhibit A and grant the registered practitioners of EDELL, SHAPIRO & FINNAN, LLC included in the Customer Number provided below, power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with the applications, any applications claiming priority to these applications, and any patents issuing therefrom.

The Assignees certify that to the best of their knowledge and belief, they are the owners of the entire right, title, and interest of the applications as evidenced by assignment previously recorded in the U.S. Patent and Trademark Office as listed in Exhibit A and/or by documents attached hereto.

Please direct all correspondence concerning the applications to:

**EDELL, SHAPIRO & FINNAN, LLC  
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**CUSTOMER NUMBER: 27896**

The undersigned (whose titles are supplied below) are empowered to sign this statement on behalf of the Assignee.

Date: Dec. 16, 2008 Signature: Chin-Men Kao  
Name: Chin-Men Kao  
Title: Chairman  
Company: MStar Software R&D (Shenzhen) Ltd.

Date: Dec. 16, 2008 Signature: Gon-Wei Liang  
Name: Gon-Wei Liang  
Title: Chairman  
Company: MStar France SAS

Date: Dec. 16, 2008 Signature: Gon-Wei Liang  
Name: Gon-Wei Liang  
Title: Chairman  
Company: MStar Semiconductor, Inc.

Date: Dec. 16, 2008 Signature: Gon-Wei Liang  
Name: Gon-Wei Liang  
Title: Chairman  
Company: MStar Semiconductor, Inc., registered under the laws of Cayman Islands

# SCHEDULE A

	Title	Docket Number	Application Number	Application Date	Patent Number	Frame Reel
1	LOSSY ANTENNA SWITCH	TTP01798	10/191791	7/9/2002	7027825	013389/0463 022034/0532 022043/0104
2	TRANSMITTER RF POWER CONTROL	TTP06969	10/494281	5/3/2004	7027785	015799/0122 022034/0532 022043/0104
3	DATA STREAM RECOVERY	TTP07599	11/568799	11/7/2006		022043/0104 018513/0307 022034/0534
4	INTERFACING PROCESSORS WITH EXTERNAL MEMORY SUPPORTING BURST MODE	TTP103421	10/489800	8/31/2004		022043/0104 015824/0888 022034/0532
5	SAMPLE RATE ADAPTION IN SIGNAL PROCESSING	TTP104246	10/538784	6/10/2005		022043/0104 017180/0980 022034/0532
6	WIRELESS MULTIMODE COMMUNICATION DEVICE USING A SINGLE CLOCK SIGNAL AND METHOD OF OPERATING THE SAME	TTP104247	10/590709	8/25/2006		022043/0104 018252/0937 022034/0532
7	FORMAT DETECTION	TTP104248	10/534359	5/9/2005		022043/0104 017185/0387 022034/0532
8	STATISTICAL SCALING OF SOFT DECISIONS BEFORE DECODING	TTP104254	10/534394	11/16/2005		022043/0104 017234/0940 022034/0532
9	MULTI-PATH SEARCHING	TTP104257	10/548448	9/9/2005		022043/0104 017747/0342 022034/0532
10	APPLICATION OF SPREADING CODES TO SIGNALS	TTP104258	10/547426	8/29/2005		022043/0104 017700/0968 022034/0532
11	MULTIPATH SEARCH WINDOW MANAGEMENT	TTP105272	11/596430	11/13/2006		022043/0104 018624/0658 022034/0532

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	Title	Docket	Application	Application	Patent	Frame Reel
		Number	Number	Date	Number	
12	DC OFFSET ESTIMATION IN RECEIVED SIGNALS <sup>7</sup>	TTP105434	11/661,632	3/11/2007		019796/0073 022034/0532 022043/0104
12	BAUD RATE DETECTION	TTP105539	11/629,986	12/19/2006		018628/0233 022034/0532 022043/0104
13	METRIC CALCULATIONS FOR MAP DECODING USING THE BUTTERFLY STRUCTURE OF THE TRELLIS	TTP105541	11/817,697	9/4/2007		022114/0241 022034/0532 022043/0104
14	SAMPLE ACQUISITION TIMING ADJUSTMENT	TTP105542	11/659,600	2/7/2007		018916/0346 022034/0532 022043/0104
15	FREQUENCY ERROR CORRECTION BY USING REMOULATION	TTP105576	11/662,574	9/6/2007		019797/0943 022034/0532 022043/0104
16	SOFT DECISION ENHANCEMENT	TTP105585	11/660,219	2/15/2007		019643/0549 022034/0532 022043/0104
17	METRICS CALCULATIONS UTILISING PRE-STORED VALUES	TTP105600	11/662,301	3/9/2007		019022/0788 022042/0889 022043/0104
18	METHOD AND APPARATUS FOR SELECTING A CHANNEL FILTER FOR A COMMUNICATION SYSTEM	TTP105608	11/662,575	9/6/2007		019796/0029 022034/0532 022043/0104
19	REFINEMENT OF CHANNEL RESPONSE4	TTP105619	11/662,302	3/9/2007		019951/0909 022034/0532 022043/0104
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Title	Docket Number	Application Number	Application Date	Patent Number	Frame Reel
SOURCE CODE PROTECTION	TTP105726	11/664,431	3/30/2007		019653/0888 022034/0532 022043/0104
21 INTERRUPT CONTROL FUNCTION ADAPTED TO CONTROL THE EXECUTION OF INTERRUPT REQUESTS OF DIFFERING CRITICALITY	TTP105782	11/665,544	2/26/2008		019655/0158- 0160 022034/0532 022043/0104
22 INTERFERENCE CHARACTERISATION AND REMOVAL	TTP106206	11/792,233	6/4/2007		020640/0766- 0773 022034/0532 022043/0104
23 ASSESSING THE PERFORMANCE OF RADIO DEVICES	TTP106639	11/872,199	10/15/2007		020636/0365 022042/0823 022043/0104
24 WIRELESS COMMUNICATION TERMINALS	TTP103736	10/510,062	5/2/2005	7231235	016624/0982 022034/0532 022043/0104
25 TUNABLE FILTER FOR TONE DETECTION	TTP106226	11/782,242	7/24/2007		019613/0726 022042/0823 022043/0104
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